

CD105 monoclonal antibody

Catalog: MB23141

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds to the beta1 and beta3 peptides with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. This gene may also be involved in preeclampsia and several types of cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

70.6kDa

Swiss-Prot:

P17813

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

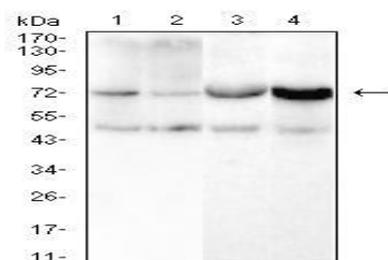
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

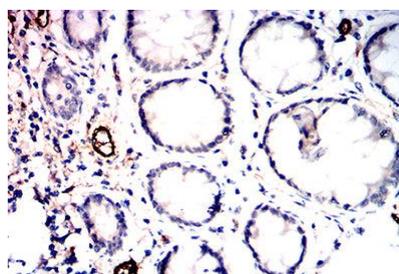
Isotype:

Mouse IgG1

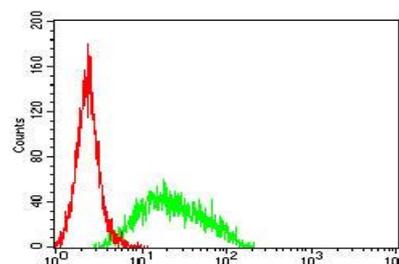
DATA:



Western blot analysis using CD105 mouse mAb against HUVEC (1), HUVE-12 (2), SH-SY5Y (3), and HEK293 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human rectum tissues using CD105 mouse mAb with DAB staining.



Flow cytometric analysis of THP-1 cells using CD105 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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